

ABSTRACT OF THE DISCLOSURE

A head retracting method retracts a head to a retract position which is different from a disk to perform a stable
5 unload operation when a power supply failure occurs,
regardless the position and the velocity of the head. When
the power supply failure occurs, controller controls that
the head reaches the inner stopper, which is at a
predetermined position in an opposite direction from the
10 ramp, so as to stop at the inner stopper at a predetermined
position without receiving impact, regardless what position
the head is and regardless what velocity the head is moving.
The head is unloaded from the predetermined position by
constant voltage driving, so the head contacts the ramp and
15 climbs onto the ramp at a predetermined velocity.